

IAP15 Rec'd PCT/PTO 10 JAN 2006

S/N unknown

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	TAKAHASHI et al.	Examiner:	unknown
Serial No.:	unknown	Group Art Unit:	unknown
Filed:	concurrent herewith	Docket No.:	10873.1833USWO
Title:	SOLAR CELL AND PRODUCTION THEREOF		

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 775296263 US

Date of Deposit: JANUARY 10, 2006

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: _____
Name: ABBIE LARKIN

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(c))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. At least some of the references were recently cited in an International Search Report, mailed March 15, 2005.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. §1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each non-U.S. document or other information listed on the enclosed Form 1449 is provided. A copy of the International Search Report is enclosed. Applicants believe that the references from the ISR are available to the Examiner and therefore are not supplying copies.

A concise explanation of the relevance of each non-English language document or other information is as follows (37 C.F.R. §1.98(a)(3)):

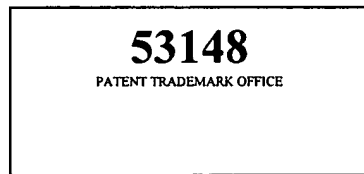
JP 10-135498 corresponds to U.S. 5,981,868.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.


Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

Hamre, Schumann, Mueller & Larson, P.C.
P.O. Box 2902
Minneapolis, Minnesota 55402-0902
(612) 455.3800



Dated: January 10, 2006

By 
Douglas P. Mueller
Reg. No. 30,300

DPM/nel

Date Mailed: JANUARY 10, 2006

Sheet 1 of 1

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 10873.1833USWO	Application Number: UNKNOWN 10/564116
	Applicant: TAKAHASHI et al.	
	Filing Date: CONCURRENT HEREWITH	Group Art Unit: UNKNOWN

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,981,868	11.9.1999	KUSHIYA et al.			
	6,023,020	2.8.2000	NISHITANI et al.			
	6,259,016	7.10.2001	NEGAMI et al.			
	5,981,868	11.9.1999	KUSHIYA et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	10-74967	1998.3.17	JAPAN			ABSTRACT	
	10-135498	1998.5.22	JAPAN			SEE IDS	
	10-117005	1998.5.6	JAPAN				
	6-97481	1994.4.8	JAPAN			ABSTRACT	
	2000-323733	2000.11.24	JAPAN				
	2002-343987	2002.11.29	JAPAN			ABSTRACT	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		T. Nakada et al., "Band offset of high efficiency CBD-ZnS/CIGS thin film solar cells", Thin Solid Films 431-432 (2003), pp. 242-248.

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PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	